

# OFFICIAL PUBLICATIONS OF CORNELL UNIVERSITY

VOLUME III

NUMBER 3

ANNOUNCEMENT OF COURSES  
FOR THE TRAINING OF  
TEACHERS AND SUPERVISORS OF MUSIC  
IN THE  
TWENTY-FIRST SUMMER SESSION  
JULY 6 TO AUGUST 16, 1912

FEBRUARY 1, 1912  
PUBLISHED BY CORNELL UNIVERSITY  
ITHACA, N. Y.

Information concerning admission, tuition fee, cost of living, rooms and board, and railroad routes and rates will be found on pages 11-14 of this pamphlet.

The work of the Department of Music, which is described in this announcement, forms an integral part of the entire work of the Summer Session.

The general announcement of the Summer Session including all courses of instruction in the twenty-five departments will be sent free on application to The Director of the Summer Session, Cornell University, Ithaca, N. Y.

## CORNELL UNIVERSITY, SUMMER SESSION, 1912

### OFFICERS

Jacob Gould Schurman, LL.D., President of the University.  
George Prentice Bristol, A.M., Director of the Summer Session.  
David Fletcher Hoy, M.S., Registrar of the University.

### FACULTY OF THE DEPARTMENT OF MUSIC

Hollis Dann,  
Professor of Music, Cornell University,  
Principal of the Department of Music.

Thomas Tapper,  
Lecturer, Institute of Musical Art, New York,  
and in New York University.

Laura Bryant,  
Director of Music in the Public Schools,  
Ithaca, N. Y.

Arthur Abbott,  
Director of Music in the Public Schools,  
Buffalo, N. Y.

Jerome Hayes,  
Teacher of Singing,  
New York City.

Newton Swift,  
Teacher of Piano and Theory,  
Boston, Mass.

Bernice White,  
Director of Music in the State Normal School,  
Fredericksburg, Va.

Walter Butterfield,  
Director of Music in the Public Schools,  
Manchester, New Hampshire.

Edward Johnston,  
Organist, Cornell University.

## CALENDAR

In order that the Department of Music may secure the full number of exercises announced for the session, it is necessary that work should begin promptly on Monday morning, July 8. Students are therefore urged to reach Ithaca on July 6 for registration and classification.

On reaching Ithaca, students in the Department of Music should go direct to Barnes Hall, Campus. Street cars from all railway stations go direct to the Campus.

Letters and telegrams for students in the Department of Music should be addressed in care of Department of Music, Barnes Hall, Ithaca, N. Y. The telephone connections at Barnes Hall are Bell telephone, number 561; Ithaca telephone, number 1110.

July 6, Saturday, 8 a. m. to 9 p. m. Classification at office of Department of Music, Barnes Hall.

9 a. m. to 5 p. m. Registration at office of Registrar, Morrill Hall.

July 8, Monday, Instruction begins at 9 a. m.

July 9, Tuesday, 8 p. m., and following Tuesdays, organ recital, Sage Chapel.

July 11, 8 p. m., and following Thursdays, musical recital, Sage Chapel.

Aug. 15, Thursday, 8 a. m. to 3 p. m. Examinations, third-year class, Department of Music, Barnes Hall.

8 p. m. Closing exercises of the Department of Music, Conferring of certificates to third-year class, Sage Chapel.

Aug. 16, Friday, 8 a. m. to 3 p. m. Examinations, preparatory-year, first-year, and second-year classes, Department of Music, Barnes Hall.

3 p. m. Summer Session closes.

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Morning classes will be held in Barnes Hall.

Afternoon classes will be held in Sage Chapel.



## COURSES OF INSTRUCTION IN THE DEPARTMENT OF MUSIC

Most of the courses offered consist of five exercises a week, one each week day except Saturday. The number of actual hours of class work in any course may be found by multiplying the weekly exercises by six.

The word "hour" used in speaking of University credit, means the equivalent of one class exercise a week for a half year. One hundred and twenty such hours constitute the "hours" requirement for the degree of Bachelor of Arts.

### COURSES FOR SUPERVISORS OF MUSIC

These courses are primarily intended for the training of supervisors and special teachers of music in the public schools. The time required for the completion of the work depends on the ability and capacity of the student and upon the amount and quality of training which the student has had previous to entrance.

Students who are proficient in sight reading, ear training, piano playing, and singing, and who pass the examinations for the preparatory and first-year courses, may thus complete the work in two Summer Sessions. Others will find it necessary to attend three or four Summer Sessions with a considerable amount of study at home during the academic years between them. Full and detailed information in regard to this home study may be had on application to the Principal.

### COURSES FOR GRADE TEACHERS

The probability is that the near future will witness a requirement made by school boards and state boards of education, demanding that the grade teacher shall qualify in music as she must qualify in every other subject in the elementary curriculum. Such a requirement is already in force in several states. This makes a special course of music for grade teachers an actual necessity.

In offering work for grade teachers, Cornell University is the first to place at the grade teachers' disposal, a practical opportunity for thorough preparation in the subject of public school music. A teacher who takes the preparatory-year and first-year courses and completes the work satisfactorily, will have received thorough training in sight reading, in ear training and dictation, will have taken an elementary course in melody writing, and will have received instruction in the methods of presenting public school music. Changed conditions and the important place music has assumed in public education, make training to this extent a requisite. It gives the teacher as much freedom in her knowledge of methods and materials in music as she possesses in the subjects of geography, spelling, arithmetic, and the like.

**Preparatory-year courses are designated A.**

**First-year courses are designated B.**

**Second-year courses are designated C.**

**Third-year courses are designated D.**

**Sight Reading—A**

This is an elementary course. All that is required for entrance is sufficient aptitude and ability to pursue the subject with profit. The requirements for the completion of the preparatory-year sight reading include the ability to read at sight simple music such as is taught in the first three grades in the public schools, using the Latin syllables.

Daily except Saturday, 9.00, Barnes Hall, Miss BRYANT.

**Sight Reading—B**

Completion of this course requires the reading at sight of music including more difficult intervals, and also the rhythmic problems common to music taught in the first six grades of the public schools.

University credit, one hour.

Mon., Wed., and Fri., 9.00, Barnes Hall, Mr. ABBOTT.

**Sight Reading—C**

The student is required to read at sight the music used in the upper grades of the public schools, reading words and music simultaneously.

University credit, one hour.

Tues. and Thurs., 9.00, Mr. ABBOTT.

**Dictation—A**

(Study of Tone and Rhythm)

The only requirement for entrance is a general vocal capacity for the study of music and the ability to match tones.

The subject matter of music is first presented to the sense of hearing. In this course the student gains the power to think tones and to sense rhythms, and at the same time acquires a practical knowledge of the scale and the Latin syllables used in sight reading.

Daily except Saturday, 10.00, Barnes Hall, Mr. ABBOTT.

**Dictation—B**

(Study of Tone and Rhythm)

This course includes the first five years in the study of tone and rhythm.

The topics for consideration are oral and written tonal dictation, and oral and written metric dictation. Daily written lessons will be given to cultivate the power to recognize and write phrases covering the tonal and rhythmic difficulties included in the first five years in music.

University credit, one hour.

Daily except Saturday, 10.00, Barnes Hall, Mr. BUTTERFIELD.

**Dictation—C**

(Study of Tone and Rhythm)

This course includes the sixth, seventh, and eighth years of tone and rhythm study. The student is required to recognize and write any melody of moderate difficulty in both major and minor keys, including chromatics. Additional train-



ing, including the recognition and writing of music in two, three, and four parts, is also required as a part of the necessary equipment of the supervisor.

University credit, one hour.

Daily except Saturday, 10.00, Barnes Hall, Professor DANN.

These courses in dictation (tone and rhythm) proceed from the simplest presentation of non-metrical tone groups to phrases and periods in which aural recognition of tone, meter, and rhythm is required. The student is taught how to correlate music reading and music form with music writing.

### Material—A

This is an elementary course. The work consists of the practical use and application of the subject matter studied in Ear Training A, Notation A, and Sight Reading A.

Except Fri. and Sat., 11.00, Barnes Hall, Mr. ABBOTT.

### Material—B

Course B is devoted to the material for the kindergarten and for the first five years in music. This course also includes the presentation of the material and methods of teaching rote songs.

University credit, one hour.

Except Fri. and Sat., 12.00, Barnes Hall, Miss BRYANT.

### Material—C

Course C is devoted to the material for the sixth, seventh, and eighth grammar grades. The sequence of idiomatic development of the subject and the interrelation of songs and studies are emphasized. Sight reading of words and music simultaneously supplements the singing with the syllable names.

University credit, one hour.

Except Fri. and Sat., 12.00, Barnes Hall, Mr. ABBOTT.

The three courses in Material are given by expert supervisors. The methods employed are those used in the school room. These courses therefore become a laboratory demonstration of the material and methods used in teaching music in the public schools from the kindergarten to the high school. On Friday of each week the work is illustrated with classes of children from the Ithaca public schools. Students thereby have the opportunity of seeing the material and methods for each grade exemplified in the most practical way.

### Methods—C

This course is devoted to the pedagogical consideration of music from the kindergarten to the fifth year inclusive. The work of each year is taken up in detail and all problems which confront the grade teacher and supervisor are thoroughly discussed. Plans and methods for class room work and general supervision are carefully presented.

On Friday of each week, the lesson will consist of a demonstration of the year's work under consideration, by a class of children from the Ithaca public schools. Students in this course will thus have the opportunity of observing

the practical application of methods with classes of children, from the kindergarten to the fifth year inclusive.

University credit, one hour.

Daily except Saturday, 11.00, Barnes Hall, Professor DANN.

### **Methods—D**

Methods D is open only to students who have completed Methods C, and is concerned with the pedagogical consideration of music in the grammar grades. The course will deal with the details of teaching and of supervision in the upper grades.

Instruction is given in this course for the proper training and direction of the grade teacher and the interpretation of study and song material. All the problems which confront the supervisor are thoroughly considered, and a systematic plan is laid out for his guidance.

The course in Methods D is supplemented by the practical application of methods with classes of children from the Ithaca public schools, from the kindergarten to the eighth grade inclusive.

University credit, one hour.

Mon., Tues., Wed., and Thurs., 8.00, and Fri., 11.00, Barnes Hall, Professor DANN.

## **CONSTRUCTIVE MUSIC**

### **Notation—A**

Course A provides instruction in the elements of music. The following are taken up for study in this course: notation, the scale in major and in minor, key signatures, measure signatures, rhythm, the simpler embellishments, and the technical terms most commonly used in music. The study of notation leads in this course to melody writing, which proceeds from the diatonic phrase to the writing of phrases embodying the simplest intervals.

Daily except Saturday, 12.00, Barnes Hall, Miss WHITE.

### **Melody—B**

This course in melody writing emphasizes especially the phrase and period forms employing free rhythm, and developing the art of melody structure on a harmonic basis.

The analysis of melodies enables the student to grasp their harmonic structure. This is developed sufficiently to form an excellent introduction to the study of harmony.

University credit, one hour.

Tues. and Thurs., 9.00, Barnes Hall, Mr. SWIFT.

### **Melody and Harmony—C**

The study of harmony from a given bass and a given upper part. Beginning with the study of intervals, the work includes: major scale triads; minor scale triads; triad inversions; the dominant seventh and its inversions; melody writing for two voices (simple counterpoint), and for one voice in extended form.



University credit, one hour.

Mon., Wed., and Fri., 9.00, Barnes Hall, Mr. SWIFT.

### Harmony—D

In this course, advanced harmony is studied, from the secondary seventh chords to suspensions and modulation: (a) from a given bass, (b) from a given soprano (open position).

Harmonic analysis of compositions in four voices forms a part of the daily work. Two-part counterpoint is continued.

University credit, two hours.

Daily except Sat., 11.00, Barnes Hall, Mr. TAPPER and Mr. SWIFT.

## HIGH AND NORMAL SCHOOL MUSIC

This is an advanced course to which only third year and graduate students are admitted. Courses in theory, in musical appreciation, and in chorus singing are outlined and presented in detail. The many difficult problems which confront the music teacher in the high and normal school, are carefully studied.

Some of the topics for special consideration: the school chorus, glee clubs and orchestra, classification of voices, grading and classification of high school students in music, bibliography of choral and orchestral music suitable for high and normal schools, preparation for normal and training schools, elective courses, credits for music, and means for cultivating the musical taste and ideals of the entire school.

A prominent feature of the work of this class is a practical course in choral and orchestral conducting. Each student will be required to prepare, and will be given frequent opportunity to conduct, choral selections under the supervision of the instructor. The work will also include instruction and practice in the reading of full scores for chorus and orchestra.

University credit, two hours.

Daily except Saturday, 9.00, Professor DANN.

## PRACTICE TEACHING

Practical use of the material for all grades, and application of methods of teaching, are required.

Each student will be given frequent opportunity for practice teaching under supervision of different members of the faculty. Classes of children from the different grades of the Ithaca public schools will be in attendance.

No student can complete the course for supervisors until he is able to demonstrate his mastery of the subject matter and methods by actual teaching. **It is highly important that each student shall have had some experience in teaching in the public schools before entering this class.** At least a year's experience as a grade teacher is invaluable and almost indispensable.

University credit, one hour.

Daily except Saturday, 10.00, Barnes Hall, Miss BRYANT.

## CHORUS

Required of all students in music.

Four periods a week are devoted to chorus singing and to instruction in the technical and interpretative elements of choral music.

Topics for special consideration: the bibliography of choral music, and the preparation and performance of choral music by classes. One of the principal objects of this course is to train teachers in the art of conducting.

Cantatas and choruses, suitable for high school, will be studied and performed by the chorus at the public recitals given by the Department of Music during the session.

Except Wed. and Sat., 3.00, Sage Chapel, Professor DANN.

## LECTURES

### Course One

Required of all students taking the course for supervisors. Twelve lectures on the correlation of music with literature and the arts as a means of cultural attainment.

Reading courses for home study are suggested.

Mon. and Tues., 3.00, Sage Chapel, Mr. TAPPER.

### Course Two

A course of lectures on vocal art and technique. The course will include the following topics.

Position and breath control; voice placing; vocal faults and how corrected; registers; timbre; resonance; covered or closed tones; flexibility; repertoire.

These lectures are of great practical value to music supervisors, speakers, and singers, and are therefore required of all regular music students.

Thurs. and Fri., 3.00 p. m., Sage Chapel, Mr. HAYES.

### Course Three

A course of six lectures on the principles of education with an historical background.

Wed., 2.00, Sage Chapel, Professor CHARLES DE GARMO.

## CERTIFICATES

A certificate for work accomplished is granted to all those who pass successfully the required examinations at the close of the session.

A grade teacher's certificate is granted to those who complete the preparatory-year and first-year courses and pass satisfactory examinations.

A supervisor's certificate is granted to those who complete the course and satisfactorily pass the examinations.



## DEPARTMENT OF MUSIC, CORNELL UNIVERSITY

## Daily Program—Summer Session

	A PREPARATORY-YEAR COURSES	B FIRST-YEAR COURSES	C SECOND-YEAR COURSES	D THIRD-YEAR COURSES
8.00 8.45				Methods, Grammar Grades Mr. DANN
9.00 9.45	Sight Reading Miss BRYANT	Sight Reading 3 Melody 2 Mr. ABBOTT Mr. SWIFT	Sight Reading 2 Melody & Harmony 3 Mr. ABBOTT Mr. SWIFT	High and Normal School Music Mr. DANN
10.00 10.45	Dictation Mr. ABBOTT	Dictation Mr. BUTTERFIELD	Dictation Mr. DANN	Practice Teaching Miss BRYANT
11.00 11.45	Material Mr. ABBOTT	Observe Second- Year Methods	Methods, First Five Years Mr. DANN	Harmony Mr. TAPPER Mr. SWIFT
12.00 12.45	Notation Miss WHITE	Material, First Five Years Miss BRYANT	Material, Grammar Grades Mr. ABBOTT	
2.15 3.00	Chorus—Mr. DANN			
3.00	Lectures: Monday and Tuesday, Mr. TAPPER; Thursday and Friday, Mr. HAVES.			

The morning classes are held in Barnes Hall.  
 The afternoon classes are held in Sage Chapel.  
 Classes marked 3 recite Mondays, Wednesdays, and Fridays.  
 Classes marked 2 recite Tuesdays and Thursdays.  
 The afternoon classes will not meet on Wednesdays.  
 On Fridays Third-Year Harmony and Third-Year Methods alternate.

## STATISTICS OF ATTENDANCE, 1911

The whole number enrolled in the Summer Session of 1911 was 1030 (652 men and 378 women), representing 48 states and territories and 25 foreign countries. Of this number 404 were students during the previous winter; 400 were persons engaged in teaching, of whom 41 were teachers in colleges, 13 in normal schools, 161 in high schools, 100 in grammar schools, 6 in private schools, and 79 were supervisors or superintendents.

## ADMISSION—ATTENDANCE—REGISTRATION

There is no examination for admission to the Summer Session. Each person must, however, satisfy the instructor in charge of any course (unless it be elementary) that he is qualified to pursue the work. Any duly registered student of the Summer Session may visit such classes as he desires. **Admission to the class rooms is restricted to duly registered students.** Persons wishing to have work done during the Summer Session counted towards an advanced degree must conform to the regulation stated under the heading "Credit for Work", page 12.

All students are required to register at the office of the Registrar in Morrill Hall. They may register on Saturday, July 6, between 9 a. m. and 4 p. m., or



upon the day of their arrival, if they reach Ithaca later than July 6. Registration on July 6 is urged. Class exercises begin at 8 a. m. Monday, July 8. The Registrar's office is open from 9 a. m. to 4 p. m. every day except Saturday, when it is closed at noon.

### TUITION FEE

The single tuition fee for the entire Summer Session, whether one course or more be taken, is \$25. This must be paid at the office of the Treasurer, Room 1, Morrill Hall, within five days after registration day. In case of withdrawal, for reasons satisfactory to the Treasurer and the Registrar, within five days from the first registration day, the tuition paid may be refunded and the charge cancelled. In case of withdrawal within two weeks of the first registration day, one-half the tuition paid may be refunded. In case of registration after the first three weeks of the session, students must pay two-thirds of the full tuition fee. No student is admitted without the payment of this fee. Admission to classes is restricted to duly registered students.

### ACADEMIC CREDIT FOR WORK

**In the College of Arts and Sciences.** The requirements for the degree of Bachelor of Arts are residence for eight terms (four years), and the completion of one hundred twenty hours ("points") of elective work. A student who has satisfied the entrance requirements of the College, and has afterward completed in two or more summer sessions at least twelve hours of work in courses approved by the departments concerned, may be regarded as having thus satisfied a term of residence. Under no circumstances shall work done in summer session be accepted as the equivalent of more than two terms of residence. The maximum amount of credit towards the A.B. degree which is allowed for the work of any one summer session is seven hours.

### COST OF LIVING; ACCOMMODATIONS

The cost of furnished room and table board, not necessarily in the same house, during the Summer Session runs from \$5.50 a week upward. In some cases students have reduced this expense to \$5, or even a little less, but it is not safe to count on less than \$5.50. Rooms are engaged in advance for the whole six weeks of the session, unless a clear understanding is had in advance to the contrary. Board may be engaged by the week. The charge for room is from \$1.25 up. Two dollars will pay for a good room. Table board runs from \$4.00 up. Five dollars is a fair price for comfortable living.

There is a large number of furnished rooms available for the use of summer students, and engagement of living quarters may be postponed until arrival in Ithaca. Selection of room after personal inspection is as a rule more satisfactory. A list of rooms will be printed and may be had by writing the office of the Summer Session after June 1, 1912.



The University has one residence hall, the Sage College, with an annex, Sage Cottage. This will as heretofore be opened for women throughout the Summer Session. Married men accompanied by their wives may be lodged in Sage Cottage, where the first and second floors will be reserved for them. As the great majority of the persons living in these buildings are attending the University for serious work, it is necessary that the rooms and halls should be quiet during the hours of rest. Persons unwilling to conform to reasonable regulations for securing this quiet are not wanted in the buildings. The price of rooms in Sage College is from \$1.25 to \$5.50 a week, according to location, and of table board \$5.00. The capacity of the building is usually engaged in advance, and early application is therefore advisable.

This should be made to the Manager of Sage College, Ithaca, N. Y. Every application for a room to be reserved must be accompanied by a deposit of \$5, otherwise the application is not registered. The amount of this deposit is deducted from the rent if the room assigned be occupied by the applicant; it is refunded if the applicant gives formal notice to the manager on or before June 15 that she desires to withdraw the application altogether.

Without permission from the Director of the Summer Session no one will be allowed to room in Sage College or Sage Cottage during the summer unless registered in the Summer Session.

The whole expense of attendance at the Summer Session, not including laboratory fee, may be estimated at \$75 to \$85.

## THE LIBRARIES

The University Library is open on week days from 9 a. m. to 5 p. m., except Saturday, when it closes at 1 p. m. In this are housed the main library, containing about four hundred thousand volumes, and most of the seminary and special libraries. The main reading room affords accommodations for over two hundred readers, and contains a selected library of over 8,000 volumes of reference works. Adjacent to it is the periodical room in which are kept the current numbers of about five hundred journals in various fields of knowledge. These rooms are open to all students. Students properly qualified are allowed the use of the seminary rooms and of the books in them. The main collection is primarily a library of reference for use in the building. Students are, however, allowed to a limited extent to take out books for home use. Persons wishing this privilege must make a deposit of \$5, which will be refunded upon the return of all books taken out. Special libraries of chemistry, in Morse Hall, and of anatomy and physiology, in Stimson Hall, are open to students in these departments.

## LECTURES, MUSICAL RECITALS, EXCURSIONS

In addition to the regular class room work there will be lectures on topics of general interest on Monday evenings throughout the session. In addition to these there are lectures on topics of general interest each week in connection with the various departments. Notice of these will be given in the calendar for each week during the Session.

Musical recitals will be given on Tuesday and Thursday evenings in the Sage Chapel.

Wednesday evenings are devoted to the departmental conferences which are open to all interested. Notice of these will be given in the weekly calendar. In connection with the work of several departments excursions are made to many points of interest. Most of these are open to members of the Summer Session. Notice of them is given from week to week.

### RAILROAD ROUTES AND RATES

Ithaca is reached by either the Lehigh Valley or the Lackawanna railroad. By the latter, a branch leaves the main line at Owego. Through trains run from New York and Buffalo on the Lehigh, and through sleeping cars run daily from New York on both roads. From Philadelphia, Baltimore, Washington, and the South, via the Baltimore & Ohio, the Philadelphia & Reading connects with the Lehigh at Bethlehem. On the Lehigh, through trains for Ithaca connect with the New York Central at Auburn and Canastota, and with the Pennsylvania (Northern Central) and the Erie at Elmira.

In previous years the Trunk Line Railroad Association (which covers the United States, east of Pittsburgh and Buffalo, and north of Washington, D. C., but not including the New England states) has made a special railroad rate of a fare and three-fifths for students of the Summer Session. Application has been made for this rate in 1912, but the Association has not yet acted thereon and positive statement is at this date, January 15, impossible. Full information regarding the matter may be obtained after May 1 by addressing the Registrar, Cornell University, Ithaca, N. Y.





## OFFICIAL PUBLICATIONS OF CORNELL UNIVERSITY

Issued at Ithaca, N. Y., monthly from July to November inclusive, and semi-monthly from December to June inclusive.

[Entered as second class matter, August 31, 1910, at the post office at Ithaca, N. Y., under the Act of July 16, 1894.]

These publications include

Catalogue Number (containing lists of officers and students), price 25 cents,  
Book of Views, price 25 cents,

Directory of Faculty and Students, First Term, 1911-12, price 10 cents,  
and the following informational publications, any one of which will be  
sent gratis and post-free on request. The date of the last edition of  
each publication is given after the title.

General Circular of Information for prospective students, January 1, 1912.

Announcement of the College of Arts and Sciences, January 15, 1911.

Courses of Instruction in the College of Arts and Sciences, June 15, 1911.

Announcement of Sibley College of Mechanical Engineering and the Mechanic  
Arts, Feb. 1, 1911.

Announcement of the College of Civil Engineering, June 1, 1911.

Announcement of the College of Law, May 15, 1911.

Announcement of the College of Architecture, September 1, 1911.

Announcement of the New York State College of Agriculture, Oct. 1, 1911.

Announcement of the Winter Courses in the College of Agriculture, Novem-  
ber 1, 1911.

Announcement of the Summer School in Agriculture, July 1, 1911.

Announcement of the New York State Veterinary College, May 1, 1911.

Announcement of the Graduate School, January 15, 1912.

Announcement of the Summer Session, April 1, 1911.

Annual Report of the President, December 1, 1911.

Pamphlets on scholarships, fellowships, and prizes, samples of entrance and  
scholarship examination papers, special departmental announcements, etc.

Correspondence concerning the publications of the University should be  
addressed to

The Registrar of Cornell University,  
Ithaca, N. Y.